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DEPARTMENT OF ECONOMICS AND DEVELOPMENT

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ECONOMIC MATERIAL on the EASTERN ONTARIO REGION

EASTERN ONTARIO
REGIONAL DEVELOPMENT ASSOCIATION CONFERENCE
OTTAWA, ONTARIO
October 6th, 1965

Prepared By
Special Research and Surveys Branch

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SELECTED ECONOMIC MATERIAL ON THE
EASTERN ONTARIO ECONOMIC REGION

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EASTERN ONTARIO REGIONAL ECONOMIC CONFERENCE,
OTTAWA, ONTARIO
OCTOBER 6, 1965

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Special Research and Surveys Branch
Department of Economics and Development

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SELECTED ECONOMIC MATERIAL
EASTERN ONTARIO REGION

Population

In 1961 Eastern Ontario had a population of 782,531, more than two-thirds of which was located in three counties - Carleton, 45.1 per cent, Renfrew, 11.5 per cent and Frontenac, 11.2 per cent. In the ten years between 1951 and 1961, the Region's population grew by 32.2 per cent compared with 35.6 per cent for the Province as a whole. Only one county, Carleton (45.7 per cent) exceeded the Provincial growth rate. Three counties, Glengarry, Dundas and Prescott, increased by less than ten per cent.

Urban growth rates in Renfrew, Stormont and Russell were considerably higher than the Provincial rate of 46.4 per cent while in Carleton and Prescott they were just slightly above. Leeds, Grenville and Frontenac lagged somewhat behind the Province, but Dundas, Lanark and Glengarry showed increases of only between 8 and 18 per cent.

Rural population increased at a slightly faster rate in the Region as a whole than in the Province, 8.3 and 6.0 per cent, respectively. In Frontenac and Grenville, however, it grew by 43.8 and 32.5 per cent. Stormont and Prescott, on the other hand, experienced actual declines in their rural population of 31.5 and 14.5 per cent, respectively.

Although figures vary with expected immigration and inter-county migration, projections of population indicate that Eastern Ontario will have a population in excess of 1.3 million by 1986. Carleton's population is expected to double and smaller but still significant increases are anticipated for Renfrew, Grenville and Frontenac. Stormont and Leeds are expected to grow slowly but Lanark, Prescott, Dundas and Glengarry will increase by only a very small amount or may even decline slightly.

Labour Force

By far the largest component of the labour force in Eastern Ontario is the Services Industry, 125,914 persons or 43.5 per cent of the total. More than half of those in this industry are engaged in public administration and defence. The presence of the Federal Government in Ottawa, of course, accounts for the unusually high proportion of people in this sector of the labour force. Manufacturing is the next largest component, 14.6 per cent of the total, followed by trade, 12.8 per cent and agriculture 8.7 per cent. These four industries

make up 80 per cent of the total labour force.

Growth in the labour force of three industry groups was above the Regional average of 26.3 per cent - services, 52.2 per cent, finance, insurance and real estate, 51.0 per cent and trade 33.0 per cent. Construction, forestry and transportation, communication and utilities were slightly below the average, while mining, agriculture and fishing and trapping experienced considerable declines - 20.3, 26.1 and 41.8 per cent, respectively. Manufacturing labour force remained practically unchanged in absolute terms although its relative importance declined - from 18.4 per cent of the Region's total labour force to 14.6 per cent.

Between 1951 and 1961 the Regional labour force rose by 26.3 per cent compared with 27.0 per cent for the Province. The largest proportionate increase took place in Carleton, 38.9 per cent, followed by Grenville (30.6 per cent), Frontenac (22.7) and Leeds (21.0). Glengarry, Stormont, Prescott and Lanark experienced increases of less than ten per cent.

The labour force of Carleton County makes up nearly one-half of the Regional total. Only trade, finance, insurance, real estate and services failed to exceed provincial rates of growth between 1951 and 1961. Construction and transportation-communications-utilities, in particular represented large actual increases.

Agricultural labour force declined in all counties and mining in all but Carleton, Grenville and Leeds. Manufacturing declined in Stormont, Lanark and Prescott.

Education

A major factor in any discussion of an area's present and future prosperity is the level of education received by its people. In the Eastern Ontario Region, 20.5 per cent of the population five years of age and over and not now attending school, have attended secondary school for three or four years. This compares favourably with the 18.9 per cent for the Province as a whole. Carleton County stands out in this respect with 25.3 per cent of its people in this category. At the other end of the scale is Prescott County with only 9.3 per cent of its population having three or four years secondary training.

In the Region as a whole, 7.9 per cent of the population have attended university and 4.7 per cent have attained degrees. In the Province, 6.0 per cent have attended university and 3.3 per cent have attained degrees. The presence of four universities in the Region may have some bearing on this situation. Nearly 12 per cent of the population of Carleton County have some

university education and more than 7 per cent have degrees.

On the other hand, it should be noted that 4.2 per cent of the Region's population five years of age or over and not attending school, never attended school at all. This compares with 3.9 per cent of the population of the Province. In Lanark County, 9.6 per cent of the population were in this category.

Income

Although figures are available only for the time period 1957 to 1963, data on labour income supplement labour force figures. Regional labour income, estimated at \$942.5 million in 1963, increased more than that of the Province - 43.6 per cent compared to 38.7 per cent. This, however, largely reflected the position of Carleton within the Region, since in 1963 Carleton received \$552.5 million or 58.6 per cent of the total. Stormont (1.9 per cent), Prescott (29.7 per cent), Leeds (31.9 per cent), Dundas (32.2 per cent), Renfrew (32.6 per cent) and Frontenac (34.8 per cent) compare unfavourably with the Provincial percentage increase of 38.7 per cent between 1957 and 1963, but Russell (99.4 per cent), Grenville (66.3 per cent), Lanark (54.5 per cent), Glengarry (53.7 per cent) and Carleton (53.2 per cent) were all above the Provincial rate. More current estimates of labour income are not yet available on a county basis. For the Region, however, labour income for 1964 is estimated at approximately \$1,020 million, with an anticipated \$1,100 million in 1965.

In terms of extremes found among wage-earners, Eastern Ontario compared favourably with the Province since it had a higher percentage of its wage-earners with incomes of over \$6,000 per year (11.2 per cent compared with Ontario's 10.4 per cent), and a smaller proportion with very low incomes, i.e. below \$1,000 (11.8 per cent compared with Ontario's 12.3 per cent). Closer examination, however, revealed that this again reflects the influence of Carleton, which had 15.7 per cent of its wage-earners with more than \$6,000 per year, and only 9.3 per cent earning less than \$1,000 per year. In contrast, all the other counties had very small percentages of higher wage-earners. Russell (2.5 per cent), Glengarry (2.8 per cent) and Prescott (4.5 per cent), in particular failed to reach even half of the Provincial proportion. Similarly, only Frontenac (11.7 per cent) and Carleton had a smaller proportion who earn under \$1,000 per year than the Province. Glengarry (24.1 per cent), Dundas (20.6 per cent) and Prescott (17.4 per cent) were noticeably high in this respect.

Carleton's influence was again dominant in the figures on average family incomes in 1961: the Eastern Ontario figure of \$5,955 was higher than the Provincial average of \$5,868, but only Carleton, with an average family income of \$6,879, exceeded the Provincial average. In particular, Glengarry (\$3,814), Russell (\$4,246), and Dundas (\$4,307) were very low; only Frontenac (\$5,681) even approached the Provincial average.

Agriculture

Area, Number and Size of Farms

In the period between 1951 and 1961 the total farm area of the Province declined by 11.0 per cent while the reduction in the area of the farms of the Region was 12.1 per cent. The greatest proportionate decline took place in Frontenac County (23.7 per cent), followed by Stormont (17.3 per cent). Glengarry remained virtually unchanged.

Similarly, between 1951 and 1961, the rate of reduction of the number of farms in the Region was 21.7 per cent, which is somewhat higher than the comparable figure for the Province as a whole (19.1 per cent). Again the greatest decline occurred in Frontenac (28.5 per cent) and the smallest in Glengarry (13.8 per cent).

The average size of the farms in the Region was 191 acres in 1961, compared with 170 acres ten years earlier, an increase of 12 per cent. Lanark, Renfrew, Frontenac and Leeds all average over 200 acres per farm. The Provincial average is 153 acres.

Field Crops and Livestock Production

The growing period in Eastern Ontario is 120 to 130 days. The topography of a considerable portion of the Region is hilly or rolling. In the Winchester Clay Plain, which runs approximately through the centre of Eastern Ontario parallel to the St. Lawrence River, the soils are highly productive when drainage is established.

The climate, soil and topography of the Region provide a suitable environment for both beef cattle raising and dairy farming and a major portion of the field crops grown in Eastern Ontario is used as fodder for the Region's livestock. In 1964, the combined area in hay and oats was 1,102,500 acres, 90.6 per cent of the total area of field crops.

Dairy farming is important in nearly all counties. Besides the production of fluid milk for urban markets, the manufacture of butter and cheddar

cheese are important sources of farm income. In 1964, the Region produced 19.0 per cent of the creamery butter and 54.1 per cent of the cheddar cheese made in the Province. Dundas County, now the largest producer of creamery butter in the Region (5.9 million pounds in 1964), in 1951 was one of the smallest producers (178,000 pounds). Although production in the Region in 1964 was eight per cent higher than in 1961, Russell, Leeds, Frontenac and Renfrew all experienced declines. Stormont is the most important cheese making county, 9.2 million pounds in 1964, followed by Russell and Prescott, each of which produced more than 8 million pounds. In all three production in 1964 was higher than in either 1961 or 1951. This was not so with the remaining counties.

Although beef production is scattered throughout the whole area, there is a greater concentration of this type of farming in the northwestern portion of the Region. Poultry and hog production are of secondary importance.

Orchards

Apart from a few apple orchards close to Ottawa, fruit growing - mostly apples - is confined to a long narrow belt running along the St. Lawrence River. In 1964 this area provided approximately 2 per cent of the apple production of the entire Province.

Farm Capital

It is generally accepted that the amount of capital required in farming is continuously rising. Whereas in 1951, the average capital investment per acre of farm land in the Region was \$81, it had increased to \$117 (by 44.4 per cent) in 1961. The relevant figures for the Province were \$122 in 1951 and \$201 in 1961 (an increase of 64.8 per cent).

These figures indicate that the Region as a whole is lagging behind the Province both in terms of capital investment per acre and of the rate of increase of investment between 1951 and 1961. In Carleton County, however, capital investment per acre stood at \$224, almost double the 1951 figure.

Value of Agricultural Products Sold

In the year ending May 31, 1961, in Ontario as a whole the average value of sales per farm of agricultural products was \$6,278. The comparable figure for the Region was considerably lower, only \$3,787. Substantial divergences, however, occur within the Region - the farms of Carleton, for example, obtaining an average of \$5,704 from the sale of agricultural products and those in Renfrew

only \$2,945.

The sale of livestock and livestock products account for some 93 per cent of the total value of all agricultural products sold. The comparable figure for Ontario was 69 per cent.

Low Income Farmers*

In 1961, low income farmers accounted for 25.4 per cent of the total number of farmers of the Region compared with 16.0 for Ontario as a whole. In Renfrew County the percentage of low income farmers was 37.8 and in Glengarry and Lanark 30.3 and 28.0 respectively.

Mining

The only major mining operation in Eastern Ontario is the mining of magnesium by Dominion Magnesium Limited at Haley Station near Renfrew. In 1964, the production of magnesium was estimated at 10,000 tons - the highest level in the Company's history. About three-quarters of the production was exported to Great Britain and Western Europe, Volkswagen being the largest single consumer of this metal.

In the field of non-metallics, the value of mineral output in Eastern Ontario decreased from nearly half a million dollars to less than four thousand between 1953 and 1963. This decrease is due to the closing of graphite mines and quartz quarries. The value of structural material production, while considerably higher in 1963 than in 1953, decreased by about one million dollars in 1963 as compared with 1962, the record year. Noticeable decreases in production occurred in sand and gravel, granite and limestone quarries.

Manufacturing

Manufacturing in Eastern Ontario in 1962, the most recent year for which statistics are available, continued to expand. The total value of shipments of goods produced in the Region was nine per cent higher than in 1961 and stood at \$741.5 million. Although the number of employees rose by only one per cent to 40,000, salaries and wages advanced by five per cent to \$170 million. Manufacturing industries in Eastern Ontario accounted for nearly six per cent of Ontario's total in 1962, measured by the value of shipments.

* Farmers having farms with a capital value less than \$24,950, gross sales of agricultural products of less than \$2,500 and off farm work less than one month per annum.

Four major industry groups account for more than half the Region's value of shipments. The foods and beverages industry increased by six per cent between 1961 and 1962 to \$174 million, textile industries by nine per cent to \$99.5 million, primary metal industries by 10.5 per cent to \$72 million and paper and allied industries by nearly five per cent to \$70 million.

All counties, with the one exception of Glengarry, registered gains in value of goods shipped between 1961 and 1962. The largest percentage gain (18.3) occurred in Prescott one of the least important of manufacturing counties. Only Prescott showed a decline in shipments over the decade 1951 to 1961.

The most important manufacturing county, measured by value of shipments, is Carleton. In 1962 its shipments stood at \$186 million, one-quarter of the Regional total. This figure was nearly eight per cent higher than a year earlier. In the Province as a whole, value of shipments rose by 11.0 per cent in the same period. Production employees in Carleton rose by 2.5 per cent and their wages by seven per cent, while the total number of persons engaged in manufacturing remained unchanged and total payrolls rose by 5.5 per cent. The number of production employees in Ontario was 5.3 per cent higher in 1962 than 1961, while wages were 9.7 per cent higher, total employees 3.8 per cent and total salaries and wages 7.7 per cent higher.

Frontenac is the next largest manufacturing county with shipments of goods valued at \$130.5 million in 1962, seven per cent higher than in 1961. Both production workers and total employees declined by about two per cent while wages remained unchanged and total payroll rose by one per cent.

The two counties together account for 43 per cent of total value of shipments, 45 per cent of persons employed by manufacturing concerns and 48 per cent of their salaries and wages.

Shipping

Volume of cargo handled at Eastern Ontario ports has declined sharply since 1958, the last year before the opening of the Seaway. In 1963, nearly 2.0 million tons of cargo were handled in coastwise trade compared with 5.1 million in 1958 and 0.4 million tons in foreign trade compared with 0.6 million. All ports have shared in the decline.

Wheat is still the most important cargo handled, some 1.5 million tons in 1963, mostly through the port of Prescott. Fuel oil, corn and bituminous coal are the next most important cargoes.

Prescott, with 1.5 million tons of cargo loaded and unloaded, was the busiest port in the Region in 1963. Kingston was next with 0.6 million tons, followed by Cornwall, 0.2 million tons.

Retail Trade

Retail sales in the Eastern Ontario Region stood at \$744 million or 12 per cent of the Provincial total in 1961. This represents a growth of 76 per cent over the decade between 1951 and 1961. All counties participated in this growth with Carleton and Frontenac leading the way both in absolute and percentage terms.

Carleton County, with sales of \$385 million in 1961, accounts for nearly 52 per cent of the Region's retail sales and Frontenac for about 12 per cent (\$86.5 million).

RURAL AND URBAN POPULATION, EASTERN ONTARIO REGION, 1951 AND 1961

	Rural		Urban		Total	
	1951	Per Cent Change 1961/1951	1951	Per Cent Change 1961/1951	1951	Per Cent Change 1961/1951
EASTERN ONTARIO						
A - Ottawa Valley						
Carleton	14,591	18.6	227,656	47.4	242,247	45.7
Lanark	14,729	17.4	20,872	10.3	35,601	13.2
Prescott	16,902	-14.5	8,674	47.3	25,576	6.5
Renfrew	37,685	12.5	29,032	62.7	66,717	34.4
Russell	14,160	9.2	3,506	54.8	17,666	18.3
Sub-total	98,067	9.0	289,740	46.4	387,807	36.9

B - Upper St. Lawrence

Dundas	10,579	9.0	5,239	7.5	15,818	8.5
Frontenac	16,772	43.8	49,327	28.6	66,099	32.4
Glengarry	15,498	7.2	2,204	17.8	17,702	8.6
Grenville	10,257	32.5	6,788	36.5	17,045	34.1
Leeds	21,958	4.9	16,873	41.4	38,831	20.8
Stormont	20,764	-31.5	27,694	57.6	48,458	19.4
Sub-total	95,828	7.6	108,125	37.3	203,953	23.3
Total, Eastern Ontario	193,895	8.3	397,865	43.9	591,760	32.2
Total, Province of Ontario	1,221,717	6.0	3,375,825	46.4	4,597,542	35.6
Region as % of Province	15.9		11.8		12.9	
					12.5	

PROJECTION OF POPULATION, EASTERN ONTARIO REGION,
1961 TO 1986

Assumption A: Net migration 10,000 per annum
Net Inter-county Migration 2,000 per annum.

	Census 1961	1971	1976	1981	1986
<u>EASTERN ONTARIO</u>					
<u>A - Ottawa Valley</u>					
Carleton	352,932	482,000	565,100	663,800	777,900
Lanark	40,313	40,000	40,000	40,000	40,000
Prescott	27,226	27,000	27,000	27,000	27,000
Renfrew	89,635	104,000	112,300	121,400	131,600
Russell	20,892	21,000	21,000	21,000	21,000
Sub-total	530,998	674,000	765,400	873,200	997,500
<u>B - Upper St. Lawrence</u>					
Dundas	17,162	17,000	17,000	17,000	17,000
Frontenac	87,534	98,700	105,300	112,700	120,000
Glengarry	19,217	19,000	19,000	19,000	19,000
Grenville	22,864	26,100	28,300	29,900	32,300
Leeds	46,889	48,500	49,500	51,200	51,800
Stormont	57,867	62,400	65,200	68,300	71,100
Sub-total	251,533	271,700	284,300	298,100	311,200
TOTAL, EASTERN ONTARIO	782,531	945,700	1,049,700	1,171,300	1,308,700
TOTAL, ONTARIO	6,236,092	7,527,500	8,334,700	9,291,600	10,387,800

Assumption B: Net migration 30,000 Per annum
Net Inter-County Migration 6,000 Per Annum

EASTERN ONTARIO

A - Ottawa Valley

Carleton	352,932	490,900	580,100	686,600	808,800
Lanark	40,313	40,700	41,000	41,400	41,600
Prescott	27,226	27,400	27,700	27,900	28,100
Renfrew	89,635	105,900	115,300	125,600	136,800
Russell	20,892	21,500	21,600	21,700	21,800
Sub-total	530,998	686,400	785,700	903,200	1,037,100

B - Upper St. Lawrence

Dundas	17,162	17,300	17,500	17,600	17,700
Frontenac	87,534	100,600	108,100	116,600	124,800
Glengarry	19,217	19,300	19,500	19,700	19,800
Grenville	22,864	26,600	29,100	30,900	33,600
Leeds	46,889	49,400	50,800	53,000	53,800
Stormont	57,867	63,500	66,900	70,600	73,900
Sub-total	251,533	276,700	291,900	308,400	323,600
TOTAL, EASTERN ONTARIO	782,531	963,100	1,077,600	1,211,600	1,360,700
TOTAL, ONTARIO	6,236,092	7,787,500	8,753,200	9,891,300	11,166,700

LABOUR FORCE BY INDUSTRY GROUP, EASTERN ONTARIO REGION, 1951 AND 1961 (CONT'D)

		Total, All Industries (1)	Agriculture	Fishing and Trapping	Forestry	Mines, Quarries, and Oil Wells	Manufacturing	Construction	Transport and Utilities	Trade	Finance and Real Estate	Services (incl. Public Administration and Defence)	Public Administration and Defence
B - Upper St. Lawrence (Cont'd)													
Grenville	1951	6,324	1,795	1	51	5	1,545	471	602	712	74	1,009	
	1961	8,259	1,248	2	91	13	2,395	764	695	1,003	133	1,722	430
	% Change 1961/1951	30.6	-30.5	100.0	78.4	160.0	55.0	62.2	15.4	40.9	79.7	70.7	
Leeds	1951	14,028	3,057	26	7	26	3,713	997	1,168	1,693	262	2,921	
	1961	16,975	2,250	10	12	30	4,543	1,096	1,388	2,347	387	4,485	670
	% Change 1961/1951	21.0	-26.4	-61.5	71.4	15.4	22.4	9.9	18.8	38.6	47.7	53.5	
Stormont	1951	17,537	2,426	-	23	41	7,627	1,082	1,111	2,066	251	2,680	
	1961	18,817	1,984	-	33	10	5,561	1,325	1,726	2,639	378	4,488	822
	% Change 1961/1951	7.3	-18.2	-	43.5	-75.6	-27.1	22.5	55.4	27.7	50.6	67.5	
Sub-total	1951	75,170	15,765	64	194	152	20,516	5,043	5,099	8,706	1,265	17,519	
	1961	88,372	11,908	27	276	109	20,610	5,980	6,769	11,309	1,950	27,055	8,012
	% Change 1961/1951	17.6	-24.5	-57.8	42.3	-28.3	0.5	18.6	32.8	29.9	54.2	54.4	
Total, Eastern Ontario Region													
	1951	229,339	33,979	110	1,098	467	42,134	15,459	16,527	27,833	6,443	82,708	
	1961	289,749	25,107	64	1,346	372	42,256	19,503	20,853	37,012	9,732	125,914	67,984
	% Change 1961/1951	26.3	-26.1	-41.8	22.6	-20.3	0.3	26.2	26.2	33.0	51.0	52.2	
Total, Province of Ontario													
	1951	1,884,941	201,482	2,259	23,030	30,653	615,358	127,494	158,125	267,267	61,728	379,129	
	1961	2,393,015	168,775	2,185	17,935	42,660	643,284	153,866	195,223	370,540	98,454	648,390	181,263
	% Change 1961/1951	27.0	-16.2	-3.3	-22.1	39.2	4.5	20.7	23.5	38.6	59.5	71.0	

(1) Includes persons not reporting industry.

Note: Manufacturing, Trade, Services and Transport, Communications and Utilities are not strictly comparable due to minor variations in classification.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, EASTERN ONTARIO REGION,
1961 AND PROJECTED TO 1971 AND 1981

	1961 (1)			1971			1981		
	(2) Participation		Labour Force	(2) Participation		Labour Force	(2) Participation		Labour Force
	Population	Rates		Population	Rates		Population	Rates	
Assumption A	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)
Male	258,198	79.0	203,900	317.3	75	239.4	381.9	74	282.6
Female	263,505	32.6	85,849	323.1	34	111.1	389.9	35	136.2
Total, Eastern Ontario Region	521,703	55.5	289,749	640.4	55	350.5	771.8	54	418.8
Male	2,106,048	80.7	1,700,567	2,559.1	77	1,962.2	3,079.4	75	2,309.4
Female	2,122,295	32.6	692,448	2,582.1	34	877.9	3,115.2	35	1,078.5
Total, Ontario	4,228,343	56.6	2,393,015	5,141.2	55	2,840.1	6,194.6	55	3,387.9
Assumption B									
Male	258,198	79.0	203,900	322.9	76	244.0	394.8	74	293.0
Female	263,505	32.6	85,849	328.7	34	113.2	402.7	35	141.0
Total, Eastern Ontario Region	521,703	55.5	289,749	651.6	55	357.2	797.5	54	434.0
Male	2,106,048	80.7	1,700,567	2,642.7	77	2,033.2	3,269.8	75	2,467.5
Female	2,122,295	32.6	692,448	2,665.9	34	910.6	3,305.9	35	1,154.2
Total, Ontario	4,228,343	56.6	2,393,015	5,308.6	55	2,943.8	6,575.7	55	3,621.7

(1) D.B.S., Census of Canada, 1961.

(2) 15 years of age and over.

Assumption A: Net migration 10,000 per annum; net inter-county migration 2,000 per annum.

Assumption B: Net migration 30,000 per annum; net inter-county migration 6,000 per annum.

POPULATION 5 YEARS OF AGE AND OVER, NOT ATTENDING SCHOOL, BY HIGHEST GRADE ATTENDED,
EASTERN ONTARIO REGION, 1961

	Total	No. Schooling	Kindergarten	Elementary		Secondary		University	
				1-4	5+	1-2	3-4	1-2	3&4+
									Degree
A - Ottawa Valley									
Carleton	No. %	223,672 (100.0)	5,934 (2.7)	86	8,148 (3.6)	44,138 (19.7)	56,605 (25.3)	7,121 (3.2)	2,916 (1.3)
				*	58,453 (26.1)				16,242 (7.3)
Lanark	No. %	27,296 (100.0)	2,634 (9.6)	7	1,710 (6.3)	5,344 (19.6)	4,314 (15.8)	301 (1.1)	134 (0.5)
				*	10,487 (38.4)				484 (1.8)
Prescott	No. %	16,296 (100.0)	838 (5.1)	15	2,083 (12.8)	2,464 (15.1)	1,513 (9.3)	220 (1.4)	99 (0.6)
				(0.1)	8,190 (50.3)				325 (2.0)
Renfrew	No. %	54,523 (100.0)	3,495 (6.4)	31	4,493 (8.2)	11,048 (20.3)	8,356 (15.3)	766 (1.4)	325 (0.6)
				(0.1)	21,334 (39.1)				1,445 (2.7)
Russell	No. %	12,028 (100.0)	768 (6.4)	4	1,247 (10.4)	1,943 (16.2)	1,332 (11.1)	121 (1.0)	66 (0.5)
				*	6,082 (50.6)				114 (0.9)
Sub-total	No. %	333,815 (100.0)	13,669 (4.1)	143	17,681 (5.3)	64,937 (19.5)	72,120 (21.6)	8,529 (2.6)	3,540 (1.1)

B - Upper St. Lawrence

Dundas	No. %	11,169 (100.0)	579 (5.2)	-	517 (4.6)	2,245 (20.1)	1,759 (15.7)	120 (1.1)	42 (0.4)
				(0.0)	4,913 (44.0)				192 (1.7)
Frontenac	No. %	56,814 (100.0)	2,356 (4.1)	12	2,498 (4.4)	12,364 (21.8)	11,411 (20.1)	1,172 (2.1)	435 (0.8)
				*	18,928 (33.3)				2,486 (4.4)
Glengarry	No. %	11,768 (100.0)	824 (7.0)	1	1,629 (13.8)	1,966 (16.7)	1,233 (10.5)	126 (1.1)	48 (0.4)
				*	5,285 (44.9)				140 (1.2)
Grenville	No. %	14,774 (100.0)	620 (4.2)	3	616 (4.2)	3,229 (21.9)	2,623 (17.8)	177 (1.2)	64 (0.4)
				*	6,095 (41.3)				345 (2.3)
Leeds	No. %	31,610 (100.0)	1,255 (4.0)	12	1,407 (4.5)	6,822 (21.6)	6,514 (20.6)	517 (1.6)	195 (0.6)
				*	11,755 (37.2)				797 (2.5)
Stormont	No. %	34,638 (100.0)	1,509 (4.4)	18	2,773 (8.0)	7,426 (21.4)	5,634 (16.3)	550 (1.6)	177 (0.5)
				(0.1)	13,838 (40.0)				731 (2.1)
Sub-total	No. %	160,773 (100.0)	7,143 (4.4)	46	9,440 (5.9)	34,052 (21.2)	29,174 (18.1)	2,662 (1.7)	961 (0.6)
				*	60,814 (37.8)				4,691 (2.9)
Total, Eastern Ontario Region	No. %	494,588 (100.0)	20,812 (4.2)	189	27,121 (5.5)	96,989 (20.0)	101,294 (20.5)	11,191 (2.3)	4,501 (0.9)
				*	165,360 (33.4)				23,301 (4.7)
Total, Province of Ontario	No. %	4,030,555 (100.0)	156,340 (3.9)	1,429	205,647 (5.1)	850,477 (21.1)	763,737 (18.9)	79,097 (2.0)	28,969 (0.7)
				*	1,480,269 (36.7)				132,904 (3.3)

* Less than 0.05 per cent.

A - Ottawa Valley

Carleton	No. \$	87,582 (100.0)	6,606 (7.5)	29,108 (33.2)	27,094 (30.9)	11,390 (13.0)	7,446 (8.5)	2,031 (2.3)	1,625 (1.9)	1,044 (1.2)	1,238 (1.4)
Lanark	No. \$	8,908 (100.0)	277 (3.1)	3,226 (36.2)	3,095 (34.7)	1,271 (14.3)	689 (7.7)	233 (2.6)	65 (0.7)	23 (0.3)	29 (0.3)
Prescott	No. \$	7,421 (100.0)	292 (3.9)	3,013 (40.6)	2,615 (35.2)	865 (11.7)	456 (6.1)	71 (1.0)	55 (0.7)	28 (0.4)	26 (0.4)
Renfrew	No. \$	22,829 (100.0)	923 (4.0)	9,334 (40.9)	7,732 (33.9)	2,587 (11.3)	1,522 (6.7)	378 (1.7)	163 (0.7)	89 (0.4)	101 (0.4)
Russell	No. \$	5,983 (100.0)	179 (3.0)	2,452 (41.0)	2,137 (35.7)	764 (12.8)	352 (5.9)	49 (0.8)	23 (0.4)	17 (0.3)	10 (0.2)
Sub-total	No. \$	132,723 (100.0)	8,277 (6.2)	47,133 (35.5)	42,673 (32.2)	16,877 (12.7)	10,465 (7.9)	2,762 (2.1)	1,931 (1.5)	1,201 (0.9)	1,404 (1.1)

B - Upper St. Lawrence

Dundas	No. 4,034 (100.0)	40 (1.0)	1,509 (37.4)	1,438 (35.6)	555 (13.8)	332 (8.2)	113 (2.8)	25 (0.6)	8 (0.2)	14 (0.3)
Frontenac	No. 20,537 (100.0)	1,048 (5.1)	7,482 (36.4)	6,726 (32.8)	2,519 (12.3)	1,448 (7.1)	446 (2.2)	313 (1.5)	190 (0.9)	365 (1.8)
Glengarry	No. 5,217 (100.0)	112 (2.1)	2,062 (39.5)	1,846 (35.4)	692 (13.3)	351 (6.7)	93 (1.8)	33 (0.6)	11 (0.2)	17 (0.3)
Grenville	No. 5,544 (100.0)	208 (3.8)	2,129 (38.4)	1,871 (33.7)	760 (13.7)	399 (7.2)	92 (1.7)	45 (0.8)	25 (0.5)	15 (0.3)
Leeds	No. 10,307 (100.0)	375 (3.6)	3,756 (36.4)	3,455 (33.5)	1,407 (13.7)	859 (8.3)	274 (2.7)	107 (1.0)	29 (0.3)	45 (0.4)
Stormont	No. 15,710 (100.0)	1,008 (6.4)	5,891 (37.5)	5,242 (33.4)	1,945 (12.4)	1,101 (7.0)	257 (1.6)	160 (1.0)	54 (0.3)	52 (0.3)
Sub-total	No. 61,349 (100.0)	2,791 (4.5)	22,829 (37.2)	20,578 (33.5)	7,878 (12.8)	4,490 (7.3)	1,275 (2.1)	683 (1.1)	317 (0.5)	508 (0.8)
Total, Eastern Ontario Region	No. 194,072 (100.0)	11,068 (5.7)	69,962 (36.0)	63,251 (32.6)	24,755 (12.8)	14,955 (7.7)	4,037 (2.1)	2,614 (1.3)	1,518 (0.8)	1,912 (1.0)
Total, Province of Ontario	No. 1,465,344 (100.0)	92,559 (6.3)	547,174 (37.3)	477,819 (32.6)	177,714 (12.1)	104,006 (7.1)	30,295 (2.1)	18,362 (1.3)	7,678 (0.5)	9,737 (0.7)

TOTAL LABOUR INCOME, EASTERN ONTARIO REGION, 1957 TO 1963

		1957	1958	1959	1960	1961	1962	1963	Per Cent Change 1963/1957
<u>A - Ottawa Valley</u>									
Carleton	(\$000's) % of Region	360,695 54.9	390,566 56.3	415,317 57.0	455,484 57.4	493,996 58.2	519,412 58.6	552,465 58.6	53.2
Lanark	(\$000's) % of Region	25,462 3.9	27,075 3.9	30,649 4.2	30,268 3.8	32,877 3.9	32,978 3.7	39,332 4.2	54.5
Prescott	(\$000's) % of Region	13,064 2.0	11,648 1.7	13,395 1.8	15,639 2.0	15,388 1.8	17,121 1.9	16,947 1.8	29.7
Renfrew	(\$000's) % of Region	50,944 7.8	57,549 8.3	56,543 7.8	60,852 7.7	69,077 8.1	74,160 8.4	67,571 7.2	32.6
Russell	(\$000's) % of Region	6,627 1.0	8,993 1.3	8,361 1.2	10,550 1.3	10,021 1.2	11,795 1.3	13,216 1.4	99.4
Sub-total	(\$000's) % of Region	456,792 69.6	495,831 71.4	524,265 72.0	572,793 72.2	621,359 73.2	655,466 73.9	689,531 73.2	51.0
<u>B - Upper St. Lawrence</u>									
Dundas	(\$000's) % of Region	8,425 1.3	10,058 1.4	8,986 1.2	9,942 1.2	10,458 1.2	10,623 1.2	11,141 1.2	32.2
Frontenac	(\$000's) % of Region	77,565 11.8	78,364 11.3	80,355 11.0	93,218 11.8	97,142 11.5	99,256 11.2	104,539 11.1	34.8
Glengarry	(\$000's) % of Region	3,923 0.6	5,990 0.9	4,245 0.6	3,716 0.5	6,965 0.8	6,100 0.7	6,030 0.6	53.7

TOTAL LABOUR INCOME, EASTERN ONTARIO REGION, 1957 TO 1963 (CONT'D)

		1957	1958	1959	1960	1961	1962	1963	Per Cent Change 1963/1957
<u>B - Upper St. Lawrence (Cont'd)</u>									
Grenville	(\$000's) % of Region	12,636 1.9	15,895 2.3	18,601 2.6	18,143 2.3	18,790 2.2	19,962 2.2	21,016 2.2	66.3
Leeds	(\$000's) % of Region	38,003 5.8	36,367 5.2	42,319 5.8	40,312 5.1	44,505 5.3	43,217 4.9	50,117 5.3	31.9
Stormont	(\$000's) % of Region	58,957 9.0	51,729 7.4	49,827 6.8	54,835 6.9	49,138 5.8	52,130 5.9	60,085 6.4	1.9
Sub-total	(\$000's) % of Region	199,509 30.4	198,403 28.6	204,333 28.0	220,166 27.8	226,998 26.8	231,288 26.1	252,928 26.8	26.8
Total, Eastern Ontario Region	(\$000's)	656,301	694,234	728,598	792,959	848,357	886,754	942,459	43.6
Total, Province of Ontario	(\$000's)	6,287,152	6,602,979	6,991,020	7,408,189	7,751,686	8,145,201	8,717,216	38.7
Region as % of Province		10.4	10.5	10.4	10.7	10.9	10.9	10.8	

WAGE EARNERS, EASTERN ONTARIO REGION, 1961

	Earning Less Than \$1,000 Per Year		Earning \$1,000-5,999 Per Year		Earning \$6,000 and More Per Year	
	No.	% of Total Wage Earners	No.	% of Total Wage Earners	No.	% of Total Wage Earners
A - Ottawa Valley						
Carleton	12,210	9.3	98,336	75.0	20,545	15.7
Lanark	1,568	14.4	8,672	79.9	618	5.7
Prescott	953	17.4	4,272	78.1	245	4.5
Renfrew	3,658	14.2	20,522	79.8	1,537	6.0
Russell	594	15.1	3,249	82.4	98	2.5
Sub-total	18,983	10.7	135,051	76.3	23,043	13.0
B - Upper St. Lawrence						
Dundas	793	20.6	2,901	75.3	160	4.2
Frontenac	3,310	11.7	22,578	80.0	2,357	8.3
Glengarry	828	24.1	2,515	73.2	95	2.8
Grenville	993	15.4	5,080	78.7	384	5.9
Leeds	1,936	14.3	10,795	79.6	839	6.2
Stormont	2,477	15.8	12,160	77.7	1,015	6.5
Sub-total	10,337	14.5	56,029	78.7	4,850	6.8
Total, Eastern Ontario Region	29,320	11.8	191,080	77.0	27,893	11.2
Total, Province of Ontario	252,553	12.3	1,592,592	77.4	213,218	10.4

AVERAGE FAMILY INCOME, EASTERN ONTARIO REGION, 1961

	<u>\$</u>
<u>A - Ottawa Valley</u>	
Carleton	6,879
Lanark	5,306
Prescott	4,541
Renfrew	4,910
Russell	4,246
<u>B - Upper St. Lawrence</u>	
Dundas	4,307
Frontenac	5,681
Glengarry	3,814
Grenville	4,908
Leeds	5,262
Stormont	4,810
Total, Eastern Ontario Region	5,955
Total, Province of Ontario	5,868

NUMBER AND AREA OF FARMS, EASTERN ONTARIO REGION, 1951 AND 1961

	Number of Farms			Total Farm Area			Acres per Farm		
	1951	1961	% Change 1961/1951	1951	1961 (Acres)	% Change 1961/1951	1951	1961	% Change 1961/1951
<u>EASTERN ONTARIO</u>									
<u>A - Ottawa Valley</u>									
Carleton	3,104	2,277	-26.6	473,644	406,481	-14.2	153	179	17.0
Lanark	2,170	1,840	-15.2	529,069	489,599	-7.5	244	266	9.0
Prescott	2,176	1,722	-20.9	271,068	257,832	-4.9	125	150	20.0
Renfrew	3,575	2,739	-23.4	828,056	696,287	-15.9	232	254	9.5
Russell	1,770	1,481	-16.3	208,927	198,534	-5.0	118	134	13.6
Sub-total	12,795	10,059	-21.4	2,310,764	2,048,733	-11.3	181	204	12.7
<u>B - Upper St. Lawrence</u>									
Dundas	1,881	1,559	-17.1	226,963	208,272	-8.2	121	134	10.7
Frontenac	2,262	1,618	-28.5	502,907	383,984	-23.7	222	237	6.8
Glengarry	1,913	1,649	-13.8	264,383	263,061	-0.5	138	160	15.9
Grenville	1,499	1,144	-23.7	227,642	194,826	-14.4	152	170	11.8
Leeds	2,380	1,936	-18.7	426,616	394,137	-7.6	179	204	14.0
Stormont	1,908	1,329	-30.4	232,522	192,364	-17.3	122	145	18.9
Sub-total	11,843	9,235	-22.0	1,881,033	1,636,644	-13.0	159	177	11.3
Total, Eastern Ontario	24,638	19,294	-21.7	4,191,797	3,685,377	-12.1	170	191	12.4
Total, Province of Ontario	149,920	121,333	-19.1	20,880,054	18,578,507	-11.0	139	153	10.1
Region as % of Province	16.4	15.9		20.1	19.8				

FARM CAPITAL, EASTERN ONTARIO REGION, 1951 AND 1961

		<u>Farm Area</u> (000's acres)	<u>Total Farm Capital(1)</u> (\$000's)	<u>Farm Capital Per Acre</u> \$
<u>A - Ottawa Valley</u>				
Carleton	1951	474	53,964	114
	1961	406	90,817	224
	% Change			
	1961/1951	-14.4	68.3	96.5
Lanark	1951	529	28,142	53
	1961	490	34,563	71
	% Change			
	1961/1951	- 7.4	22.8	34.0
Prescott	1951	271	28,389	105
	1961	258	35,026	136
	% Change			
	1961/1951	- 4.8	23.4	29.5
Renfrew	1951	828	45,104	54
	1961	696	50,543	73
	% Change			
	1961/1951	-15.9	12.1	35.2
Russell	1951	209	24,423	117
	1961	199	33,602	169
	% Change			
	1961/1951	- 4.8	37.6	44.4
Sub-total	1951	2,311	180,022	78
	1961	2,049	244,551	119
	% Change			
	1961/1951	-11.3	35.8	52.6
<u>B - Upper St. Lawrence</u>				
Dundas	1951	227	28,450	125
	1961	208	34,963	168
	% Change			
	1961/1951	- 8.4	22.9	34.4
Frontenac	1951	503	29,363	58
	1961	384	32,842	86
	% Change			
	1961/1951	-23.7	11.8	48.3
Glengarry	1951	264	24,872	94
	1961	263	32,130	122
	% Change		29.2	29.8
	1961/1951	-		
Grenville	1951	228	18,623	82
	1961	195	23,021	118
	% Change			
	1961/1951	-14.5	23.6	43.9
Leeds	1951	427	31,815	75
	1961	394	38,646	98
	% Change			
	1961/1951	- 7.7	21.5	30.7
Stormont	1951	233	24,624	106
	1961	192	26,495	138
	% Change			
	1961/1951	-17.6	7.6	30.2

(4)

FARM CAPITAL, EASTERN ONTARIO REGION, 1951 AND 1961 (CONT'D)

		<u>Farm Area</u> (000's acres)	<u>Total Farm Capital (1)</u> (\$000's)	<u>Farm Capital Per Acre</u> \$
Sub-total	1951	1,382	157,747	84
	1961	1,636	188,037	115
	% Change			
	1961/1951	-13.1	19.2	36.3
Total, Eastern Ontario Region	1951	4,193	337,769	81
	1961	3,685	432,648	117
	% Change			
	1961/1951	-12.1	28.1	44.4
Total, Province of Ontario	1951	20,880	2,547,970	122
	1961	18,579	3,741,596	201
	% Change			
	1961/1951	-11.0	46.8	64.8

(1) Includes value of land and buildings, implements and machinery, livestock and poultry.

SELECTED ASPECTS OF FARM MECHANIZATION, EASTERN ONTARIO REGION, 1961

A - Ottawa Valley

	<u>Land Area (1)</u> 000's Acres	<u>No. of Tractors</u>	<u>Acres per Tractor</u>	<u>Hay Area (2)</u> 000's Acres	<u>No. of Balers</u>	<u>Acres of Hay per Baler</u>
Carleton	168	2,500	67	98	840	117
Lanark	108	1,500	72	72	430	167
Prescott	121	1,700	71	80	480	167
Renfrew	174	2,500	70	110	680	162
Russell	101	1,500	68	57	420	136
Sub-total	672	9,700	69	417	2,850	146

B - Upper St. Lawrence

Dundas	103	1,700	61	59	490	120
Frontenac	106	1,400	76	66	400	165
Glengarry	113	1,600	71	73	450	162
Grenville	66	1,000	66	39	250	156
Leeds	111	1,800	62	75	570	132
Stormont	92	1,300	70	50	370	135
Sub-total	591	8,800	67	362	2,530	143
Total, Eastern Ontario Region	1,263	18,500	68	779	5,380	145
Total, Province of Ontario	8,040	150,000	54	3,347	28,000	120

(1) Improved land under crop.

(2) Hay and other fodder crops.

ACREAGE AND FARM VALUE OF FIELD CROPS,
EASTERN ONTARIO REGION,
1951, 1961 and 1964

		<u>Acres</u>	<u>Value per Acre</u> \$	<u>Total Farm Value</u> \$
<u>B - Upper St. Lawrence - Cont'd.</u>				
Leeds	1951	128,932	34.18	4,407,400
	1961	114,216	34.90	3,985,770
	1964	105,420	33.22	3,501,720
	% change 1961/1951	-11.4	2.1	- 0.6
	1964/1961	- 7.7	-4.8	-12.1
Stormont	1951	103,590	31.20	3,231,700
	1961	86,399	33.10	2,860,042
	1964	83,870	35.28	2,959,110
	% change 1961/1951	-16.6	6.1	-11.5
	1964/1961	- 2.9	6.6	3.5
Sub-total	1951	681,233	32.14	21,895,200
	1961	581,808	32.89	19,138,344
	1964	559,930	37.54	21,017,560
	% change 1961/1951	-14.6	2.3	-12.6
	1964/1961	- 3.8	14.1	0.8
Total, Eastern Ontario Region				
	1951	1,454,379	34.88	50,734,400
	1961	1,260,827	33.89	42,726,248
	1964	1,217,540	38.30	46,632,900
	% change 1961/1951	-13.3	-2.8	-15.8
	1964/1961	- 3.4	13.0	9.1
Total, Province of Ontario				
	1951	8,244,267	45.44	374,579,600
	1961	7,606,403	43.21	328,701,000
	1964	7,624,700	55.72	424,878,000
	% change 1961/1951	- 7.7	-4.9	-12.3
	1964/1961	0.2	29.0	29.3

VALUE OF AGRICULTURAL PRODUCTS SOLD, EASTERN ONTARIO REGION, 1960(1)

	Value of Agri- cultural Products Sold (\$000's)	Value Per Acre (\$)	Value Per Farm (\$)	Value of Dairy Products Sold		Value of Livestock and Products Sold	
				(\$000's)	% of Total	(\$000's)	% of Total
A - Ottawa Valley							
Carleton	12,988	32	5,704	6,264	48	11,493	88
Lanark	6,053	12	3,290	1,931	32	5,578	92
Prescott	6,387	25	3,709	3,964	62	5,821	91
Renfrew	8,066	12	2,945	2,270	28	7,041	87
Russell	5,728	29	3,868	3,888	68	5,488	96
Sub-total	39,222	19	3,899	18,317	47	35,421	90
B - Upper St. Lawrence							
Dundas	6,884	33	4,416	4,017	58	6,664	97
Frontenac	5,245	14	3,242	2,956	56	4,908	94
Glengarry	6,156	23	3,733	3,823	62	5,865	95
Grenville	3,707	19	3,240	1,673	45	3,533	95
Leeds	6,707	17	3,464	3,685	55	6,351	95
Stormont	5,140	27	3,868	3,056	59	4,905	95
Sub-total	33,839	21	3,664	19,210	57	32,226	95
Total, Eastern Ontario Region	73,061	20	3,787	37,527	51	67,647	93
Total, Province of Ontario	761,668	41	6,278	156,769	21	523,046	69

(1) June 1, 1960 to May 31, 1961.

	Livestock		Poultry		Total	
	Value \$000's	% of Province	Value \$000's	% of Province	Value \$000's	% of Province
A - Ottawa Valley						
Carleton	1951	10,330	2.5		10,899	2.5
	1961	14,428	2.6		14,746	2.5
	1964	15,106	2.6		15,436	2.5
Lanark	1951	10,886	1.7		11,251	1.6
	1961	9,094	1.6		9,246	1.6
	1964	9,176	1.6		9,331	1.5
Prescott	1951	9,349	1.5		9,718	1.4
	1961	8,953	1.6		9,233	1.6
	1964	8,816	1.5		9,109	1.5
Renfrew	1951	15,411	2.4		15,894	2.3
	1961	12,424	2.2		12,761	2.2
	1964	12,995	2.2		13,305	2.1
Russell	1951	8,325	1.3		8,606	1.3
	1961	8,035	1.5		8,176	1.4
	1964	8,513	1.4		8,633	1.4
Sub-total	1951	60,290	9.4		62,348	9.1
	1961	52,922	9.6		54,164	9.2
	1964	54,602	9.3		55,868	9.0
B - Upper St. Lawrence						
Dundas	1951	9,797	1.5		10,223	1.5
	1961	9,311	1.7		9,531	1.6
	1964	8,938	1.5		9,163	1.5
Frontenac	1951	9,478	1.5		9,716	1.4
	1961	7,995	1.4		8,093	1.4
	1964	7,542	1.3		7,647	1.2
Glengarry	1951	8,811	1.4		9,185	1.3
	1961	8,703	1.6		8,913	1.5
	1964	8,595	1.5		8,794	1.4
Grenville	1951	5,654	0.9		5,941	0.9
	1961	4,974	0.9		5,296	0.9
	1964	4,664	0.8		4,966	0.8
Leeds	1951	11,652	1.8		11,973	1.8
	1961	9,878	1.8		10,085	1.7
	1964	9,606	1.6		9,806	1.6
Stormont	1951	8,352	1.3		9,117	1.3
	1961	6,764	1.2		6,992	1.2
	1964	6,639	1.1		6,858	1.1
Sub-total	1951	53,744	8.3		56,155	8.2
	1961	47,625	8.6		48,910	8.3
	1964	45,984	7.8		47,254	7.6
Total, Eastern Ontario Region	1951	114,934	17.6		118,503	17.4
	1961	100,547	18.2		103,074	17.5
	1964	100,586	17.1		103,062	16.6
Total, Province of Ontario	1951	644,631	100.0		681,835	100.0
	1961	553,084	100.0		589,674	100.0
	1964	587,136	100.0		622,634	100.0

ACREAGE AND FARM VALUE OF FIELD CROPS.
EASTERN ONTARIO REGION.
1951, 1961 and 1964

		<u>Acres</u>	<u>Value per Acre</u> \$	<u>Total Farm Value</u> \$
<u>A - Ottawa Valley</u>				
Carleton	1951	196,966	35.13	6,920,200
	1961	159,988	35.29	5,645,839
	1964	156,640	41.28	6,465,820
	% change 1961/1951	-18.8	0.5	-18.4
	1964/1961	- 2.1	17.0	14.5
Lanark	1951	117,934	37.42	4,412,700
	1961	105,877	32.99	3,493,060
	1964	100,420	37.87	3,802,550
	% change 1961/1951	-10.2	-11.8	-20.8
	1964/1961	- 5.2	14.8	8.9
Prescott	1951	148,355	34.38	5,100,900
	1961	137,667	34.32	4,724,430
	1964	133,450	43.80	5,844,660
	% change 1961/1951	- 7.2	-0.2	- 7.4
	1964/1961	- 3.1	27.6	23.7
Renfrew	1951	199,554	41.34	8,250,500
	1961	172,570	37.44	6,460,792
	1964	170,700	35.28	6,022,710
	% change 1961/1951	-13.5	- 2.4	-21.7
	1964/1961	- 1.1	-5.8	- 6.8
Russell	1951	110,337	37.66	4,154,900
	1961	102,917	31.71	3,263,783
	1964	96,400	36.10	3,479,600
	% change 1961/1951	- 6.7	-15.8	-21.5
	1964/1961	- 6.3	13.8	6.6
Sub-Total	1951	773,146	37.30	28,839,200
	1961	679,019	34.74	23,587,904
	1964	657,610	38.95	25,615,340
	% change 1961/1951	-12.2	-6.9	-18.2
	1964/1961	- 3.2	12.1	8.6
<u>B - Upper St. Lawrence</u>				
Dundas	1951	122,636	30.47	3,736,800
	1961	108,482	34.03	3,691,548
	1964	104,620	39.90	4,174,950
	% change 1961/1951	-11.5	11.7	- 1.2
	1964/1961	- 3.6	17.2	13.1
Frontenac	1951	120,436	35.05	4,221,100
	1961	92,571	31.50	2,915,830
	1964	89,480	40.75	3,646,470
	% change 1961/1951	-23.1	-10.1	-30.9
	1964/1961	- 3.3	29.4	25.1
Glengarry	1951	122,387	31.01	3,794,900
	1961	116,516	30.98	3,610,071
	1964	113,010	37.53	4,240,750
	% change 1961/1951	- 4.8	-0.1	- 4.9
	1964/1961	- 3.0	21.1	17.5
Grenville	1951	83,252	30.07	2,503,300
	1961	63,624	32.61	2,075,083
	1964	63,530	39.27	2,494,560
	% change 1961/1951	-23.6	8.4	-17.1
	1964/1961	- 0.2	20.4	20.2

PRODUCTION OF CREAMERY BUTTER, EASTERN ONTARIO REGION, 1951, 1956, 1961 AND 1964

	1951	1956	1961	1964(1)	% Change 1961/1951	1964/1961
A - Ottawa Valley						
Carleton	756,399	706,356	539,812	-	- 28.6	-
Lanark	2,503,775	1,667,267	1,369,136	1,990,208	- 45.3	45.4
Prescott	468,140	221,637	32,536	345,937	- 93.1	963.2
Renfrew	3,241,254	3,896,507	4,962,700	4,913,162	53.1	- 1.0
Russell	568,848	1,477,560	859,780	259,800	51.1	- 69.8
Sub-total	7,538,416	7,969,327	7,763,964	7,509,107	3.0	- 3.3
B - Upper St. Lawrence						
Dundas	178,021	1,309,164	3,106,577	5,881,647	*	89.3
Frontenac	1,400,644	743,073	1,236,124	1,035,431	- 11.8	- 16.2
Glengarry	258,517	303,274	397,475	727,417	53.8	83.0
Grenville	143,874	865,585	810,355	3,274,352	463.2	304.1
Leeds	787,575	1,690,933	5,886,526	2,351,531	647.4	- 60.1
Stormont	153,601	114,509	73,441	75,527	- 52.2	2.8
Sub-total	2,922,232	5,026,538	11,510,498	13,345,905	293.9	15.9
Total, Eastern Ontario Region	10,460,648	12,995,865	19,274,462	20,855,012	84.3	8.2
Total, Province of Ontario	66,891,863	79,540,454	95,035,800	109,730,725	42.1	15.5
Region as % of Province	15.6	16.3	20.3	19.0		

(1) Preliminary.

* More than 1,600 per cent increase.

PRODUCTION OF CHEDDAR CHEESE, EASTERN ONTARIO REGION, 1951, 1956, 1961 AND 1964

	1951		1956		(pounds)		1961		1964 (1)		% Change	
											1961/1951	1964/1961
A - Ottawa Valley												
Carleton	2,143,109		888,416		742,097		411,277		- 65.4		- 44.6	
Lanark	1,458,816		1,066,502		1,262,432		1,382,955		- 13.5		9.5	
Prescott	5,622,161		4,819,155		8,029,238		8,200,077		42.8		2.1	
Renfrew	123,906		147,910		96,386		123,081		- 22.2		27.7	
Russell	3,767,114		5,634,646		8,195,195		8,510,412		117.5		3.8	
Sub-total	13,115,106		12,556,629		18,325,348		18,627,802		39.7		1.7	
B - Upper St. Lawrence												
Dundas	4,207,412		4,904,259		4,011,176		4,946,979		- 4.7		23.3	
Frontenac	3,423,789		2,925,560		3,153,089		3,018,052		- 7.9		- 4.3	
Glengarry	5,065,125		4,415,685		4,072,158		3,695,584		- 19.6		- 9.3	
Grenville	1,408,331		704,109		840,275		506,411		- 40.3		- 39.7	
Leeds	4,845,740		6,003,507		1,897,864		1,554,674		- 60.8		- 18.1	
Stormont	4,567,811		6,713,301		8,994,129		9,240,221		96.9		2.7	
Sub-total	23,518,208		25,666,421		22,968,691		22,961,921		- 2.3		*	
Total, Eastern Ontario Region	36,633,314		38,223,050		41,294,039		41,589,723		12.7		0.7	
Total, Province of Ontario	63,099,631		56,863,043		68,020,200		76,836,136		7.8		13.0	
Region as % of Province	58.1		67.2		60.7		54.1					

(1) Preliminary.

* Less than 0.05 per cent.

VOLUME AND VALUE OF MINERAL PRODUCTION IN EASTERN ONTARIO REGION, 1953, 1961 AND 1962

	Ottawa Valley			Upper St. Lawrence			Total, Eastern Ontario Region			
	1953	1961	1962	1953	1961	1962	1953	1961	1962	1963*
Metals										
Calcium	\$	5,295,840	4,946,235	-	-	-	5,295,840	4,408,451	4,946,235	5,475,063
	lb.	-	123,511	-	-	-	-	99,355	123,511	98,673
Magnesium	\$	-	124,412	-	-	-	-	100,881	124,412	117,247
	lb.	n.a.	17,631,310	-	-	-	-	15,270,618	17,631,310	17,810,348
	\$	5,295,840	4,821,823	-	-	-	5,295,840	4,307,570	4,821,823	5,357,816
Non-Metallics										
Feldspar	\$	386,661	4,838	93,136	13,954	7,190	479,797	17,260	12,028	3,514
	tons	955	-	259	-	-	1,214	-	-	-
Graphite	\$	11,620	-	2,590	-	-	14,210	-	-	-
	tons	3,466	-	-	-	-	3,466	-	-	-
Mica	\$	366,528	-	-	-	-	366,528	-	-	-
	lb.	368,824	38,475	15,691	175,177	462,797	384,515	175,177	501,272	341,185
Mineral Waters	\$	7,141	2,058	546	13,812	7,190	7,687	14,332	9,248	3,514
	gals.	300	5,200	-	-	-	300	6,985	5,200	-
Quartz	\$	150	2,780	-	-	-	150	2,786	2,780	-
	tons	350	-	20,000	1	-	20,350	1	-	-
	\$	1,222	-	90,000	142	-	91,222	142	-	-
Structural Materials										
Clay	\$	2,787,448	7,769,747	1,750,583	1,610,279	1,975,247	4,538,031	7,260,893	9,744,994	8,333,743
	\$	584,921	849,810	-	-	-	584,921	198,835	849,810	1,110,789
Lime	tons	33,379	7,824	-	-	-	33,379	7,379	7,824	3,560
	\$	346,110	142,088	-	-	-	346,110	136,987	142,088	65,861
Sand & Gravel	tons	1,746,325	6,919,636	1,842,373	1,640,099	1,966,823	3,588,698	8,413,780	8,886,468	7,409,776
	\$	879,378	4,060,826	1,330,029	1,196,681	1,369,831	2,209,407	4,436,049	5,430,657	4,588,433
Granite & Trap	tons	-	271,433	2,000	191	231	2,000	191	271,664	81
	\$	-	399,007	27,000	3,798	4,075	27,000	3,798	403,082	810
Limestone	tons	667,659	1,645,787	229,910	286,290	366,695	897,569	1,911,846	2,012,482	1,773,265
	\$	943,560	2,280,614	389,318	409,800	504,702	1,332,878	2,453,630	2,785,316	2,405,885
Marble	tons	-	25	499	-	250	499	-	275	1,163
	\$	-	500	4,236	-	5,000	4,236	-	5,500	9,525
Sandstone	tons	2,499	6,329	-	-	5,434	2,499	4,569	11,763	11,841
	\$	33,479	36,902	-	-	91,639	33,479	31,594	128,541	152,440
GRAND TOTAL	\$	8,469,949	12,720,820	1,843,719	1,624,233	1,982,437	10,313,668	11,686,604	14,703,257	13,812,320

Note: Counties included in Ottawa Valley Sub-Region: Carleton, Lanark, Prescott, Renfrew and Russell.

Counties included in St. Lawrence Sub-Region: Dundas, Frontenac, Glengarry, Grenville, Leeds and Stormont.

* No breakdown of data between the sub-regions is available for 1963.

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PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES,
EASTERN ONTARIO REGION, 1951(1), 1961 AND 1962 (CONT'D)

	Establish- ments No.	Manufacturing Activity			Total Activity Total Employees Salaries and Wages \$000	
		Production and Related Workers		Value of Shipments of Goods of Own Manufacture \$000		
		Number	Wages \$000			
B - Upper St. Lawrence (Cont'd)						
Frontenac						
1951(1)	117	n.a.	n.a.	72,815	6,092	15,824
1961	92	4,387	18,857	121,433	6,011	27,190
1962	90	4,281	18,888	130,471	5,391	27,471
% Change 1961/1951	-21.4	n.a.	n.a.	66.8	-1.3	71.8
% Change 1962/1961	-2.2	-2.4	0.2	7.4	-2.9	1.0
Glenarry						
1951(1)	69	n.a.	n.a.	4,435	377	554
1961	42	444	1,174	13,748	630	1,685
1962	39	535	1,395	13,306	754	2,068
% Change 1961/1951	-39.1	n.a.	n.a.	210.0	67.1	204.2
% Change 1962/1961	-7.1	20.5	18.8	-3.2	19.7	22.7
Grenville						
1951(1)	58	n.a.	n.a.	20,423	1,566	3,152
1961	52	1,940	7,520	67,783	2,912	12,299
1962	46	2,046	8,884	81,323	3,023	14,015
% Change 1961/1951	-10.3	n.a.	n.a.	231.9	86.0	290.2
% Change 1962/1961	-11.5	5.5	18.1	20.0	3.8	14.0
Leeds						
1951(1)	126	n.a.	n.a.	50,531	3,059	7,258
1961	89	2,546	9,713	74,058	3,906	15,865
1962	94	2,426	9,667	81,611	3,693	15,996
% Change 1961/1951	-29.4	n.a.	n.a.	46.6	27.7	118.6
% Change 1962/1961	5.6	-4.7	-0.5	10.2	-5.5	0.8
Stormont						
1951(1)	89	n.a.	n.a.	86,534	7,287	19,528
1961	79	3,959	16,612	94,393	5,111	22,792
1962	77	3,911	16,999	99,728	5,117	23,459
% Change 1961/1951	-11.2	n.a.	n.a.	9.1	-29.9	16.7
% Change 1962/1961	-2.5	-1.2	2.3	5.7	0.1	2.9
Sub-total						
1951(1)	509	n.a.	n.a.	248,737	19,142	47,816
1961	385	13,978	55,961	395,216	19,431	82,692
1962	375	13,941	58,174	433,539	19,409	86,130
% Change 1961/1951	-24.4	n.a.	n.a.	58.9	1.5	72.9
% Change 1962/1961	-2.6	-0.3	4.0	9.7	-0.1	4.2

PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES,
EASTERN ONTARIO REGION, 1951(1), 1961 AND 1962

	Manufacturing Activity					Total Activity	
	Establish- ments No.	Production and Related Workers		Value of Shipments of Goods of Own Manufacture \$'000	Number	Total Employees Salaries and Wages \$'000	
		Wages \$'000					
		Number					
Carleton							
1951(1)		n.a.	n.a.	106,103	10,925	26,856	
1961	370	7,128	27,154	172,714	11,959	50,573	
1962	284	7,305	29,061	186,032	12,000	53,337	
% Change 1961/1951	-24.9	n.a.	n.a.	62.8	9.5	88.3	
% Change 1962/1961	2.2	2.5	7.0	7.7	0.3	5.5	
Lenark							
1951(1)		n.a.	n.a.	29,155	3,090	6,506	
1961	129	2,073	5,690	38,042	2,705	8,554	
1962	102	2,195	6,255	40,746	2,786	9,202	
% Change 1961/1951	-17.8	n.a.	n.a.	30.5	-12.5	31.5	
% Change 1962/1961	-3.8	5.9	9.9	7.1	3.0	7.6	
Prescott							
1951(1)		n.a.	n.a.	15,971	1,152	2,886	
1961	98	865	3,208	15,485	1,051	4,049	
1962	57	1,011	3,784	18,314	1,169	4,656	
% Change 1961/1951	-37.8	n.a.	n.a.	-3.0	-8.8	40.3	
% Change 1962/1961	-6.6	16.9	18.0	18.3	11.2	15.0	
Renfrew							
1951(1)		n.a.	n.a.	36,696	4,179	8,738	
1961	204	3,141	9,883	54,462	4,310	15,318	
1962	137	3,339	10,719	57,710	4,466	16,219	
% Change 1961/1951	-32.8	n.a.	n.a.	48.4	3.1	75.3	
% Change 1962/1961	-	6.3	8.5	6.0	3.6	5.9	
Russell							
1951(1)		n.a.	n.a.	2,522	182	250	
1961	59	132	319	4,871	162	402	
1962	33	134	346	5,133	172	468	
% Change 1961/1951	-44.1	n.a.	n.a.	93.1	-11.0	60.8	
% Change 1962/1961	-12.1	1.5	8.5	5.4	6.2	16.4	
Sub-total							
1951(1)		n.a.	n.a.	190,447	19,528	45,236	
1961	860	13,339	46,254	285,574	20,187	78,896	
1962	615	13,984	50,165	307,935	20,593	83,882	
% Change 1961/1951	-28.5	n.a.	n.a.	49.9	3.4	74.4	
% Change 1962/1961	-1.0	4.8	8.5	7.8	2.0	6.3	
Dundas							
1951(1)		n.a.	n.a.	13,999	761	1,500	
1961	50	702	2,085	23,801	861	2,861	
1962	29	742	2,341	27,100	931	3,121	
% Change 1961/1951	-38.0	n.a.	n.a.	70.0	13.1	90.7	
% Change 1962/1961	-6.5	5.7	12.3	13.9	8.1	9.1	

A - Ottawa Valley

B - Upper St. Lawrence

PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES,
EASTERN ONTARIO REGION, 1951(1), 1961 AND 1962 (CONT'D)

	Establish- ments No.	Manufacturing Activity			Total Activity	
		Production and Related Workers	Value of Shipments of Goods of		Total Employees	Salaries and Wages \$000
		Number	Wages \$000	Own Manufacture \$000	Number	
Total, Eastern Ontario Region						
1951(1)	1,369	n.a.	n.a.	439,184	38,670	93,052
1961	1,000	27,317	102,215	680,790	39,618	161,588
1962	984	27,925	108,339	741,474	40,002	170,012
% Change 1961/1951	-27.0	n.a.	n.a.	55.0	2.5	73.7
% Change 1962/1961	- 1.6	2.2	6.0	8.9	1.0	5.2
Total, Province of Ontario						
1951(1)	13,025	n.a.	n.a.	8,074,731	599,433	1,669,387
1961	12,410	432,754	1,738,334	12,015,812	638,584	2,859,292
1962	12,586	455,872	1,907,206	13,342,557	662,747	3,078,766
% Change 1961/1951	- 4.7	n.a.	n.a.	48.8	6.5	71.3
% Change 1962/1961	1.4	5.3	9.7	11.0	3.8	7.7

(1) Not strictly comparable with later years because of revisions in Standard Industrial Classification and new establishment concept adopted by D.B.S.

n.a. Not available.

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HOMES IN NEED OF MAJOR REPAIRS,
EASTERN ONTARIO REGION, 1961

	<u>Number</u>	<u>% of Total Homes</u>
<u>A - Ottawa Valley</u>		
Carleton	2,861	3.1
Lanark	498	4.7
Prescott	500	8.2
Renfrew	1,312	6.1
Russell	297	6.6
Sub-total	5,468	4.1
<u>B - Upper St. Lawrence</u>		
Dundas	388	8.6
Frontenac	1,095	5.0
Glengarry	621	13.5
Grenville	436	7.0
Leeds	895	7.2
Stormont	750	5.3
Sub-total	4,185	6.5
Total, Eastern Ontario Region	9,653	4.9
Total, Province of Ontario	74,127	4.5

RETAIL SALES, EASTERN ONTARIO REGION, 1951 AND 1961

	<u>1951</u>	<u>1961</u>	<u>% Change</u> <u>1961/1951</u>
	\$000		
<u>A - Ottawa Valley</u>			
Carleton	203,254.6	385,404.5	89.6
Lanark	26,177.8	36,019.8	37.6
Prescott	11,967.4	19,143.9	60.0
Renfrew	42,045.7	70,929.3	68.7
Russell	5,913.6	8,845.8	49.6
Sub-total	289,359.1	520,343.3	79.8
<u>B - Upper St. Lawrence</u>			
Dundas	9,596.3	11,194.4	16.7
Frontenac	46,149.0	86,520.5	87.5
Glengarry	5,911.5	9,205.4	55.7
Grenville	9,551.4	17,500.7	83.2
Leeds	28,703.4	47,966.9	67.1
Stormont	33,620.5	51,560.3	53.4
Sub-total	133,532.1	223,948.2	67.7
Total, Eastern Ontario Region	422,891.2	744,291.5	76.0
Total, Province of Ontario	3,666,371.4	6,206,684.5	69.3
Region as % of Province	11.5	12.0	

